

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph in the Substitute Specification on p. 7
beginning at line 11 as follows:

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5 The embodiment of the present invention shown in Figure 1A contains
a printed circuit board 1 on which a plurality of preferably surface-mounted LEDs
2 are applied. In a known way, the printed circuit board 1 thereby forms a circuit
that comprises terminal surfaces for the mounting of the LEDs at defined
locations. These terminal surfaces are provided, for example, with lands for
10 soldering in an automatic surface mount device (SMD) equipping unit, and the
LEDs 2 have their electrical contacts 2a soldered to these terminal surfaces in a
subsequent mounting step.

15 Please amend the paragraph in the Substitute Specification on p. 7
beginning at line 19 as follows:

 The printed circuit board 1 can be a rigid printed circuit board, such as
type FR4, and constructed of an epoxy resin material. However, it can also be a
flexible printed circuit board such as an above-described flex board. The printed
circuit board 1 is laminated onto a cooling member 3 with a thermally conductive
20 adhesive 6, a thermally conductive paste 6 or a thermally conductive film 6, said
cooling member 3 being composed of a cooling plate or being fabricated of some
other metal such as copper or aluminum, and thus exhibiting a high thermal
conductivity.

Please amend the paragraph in the Substitute Specification on p. 9
beginning at line 5 as follows:

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The exemplary embodiment of Figure 2B shows an axial
cross-section through a rotating light of a type that can, be employed in
5 emergency vehicles, for example. For the rotating light of Figure 2B, the flex
board 1 is provided with an array of LEDs 2 is laminated around a tubularly
shaped, cylindrical, hollow cooling member 3. In this exemplary embodiment, the
LEDs of the array proceeding parallel to the axis can be additionally combined to
form lanes that are successively driven in a clockwise direction, so that a rotating
10 light is produced. The lanes extend in the direction perpendicular to the plane of
projection of Figure 2B from each shown diode. At one point in time, one lane or
a specific plurality of neighboring lanes can thereby be driven simultaneously.
For bundling the emitted light, the LEDs 2 can be provided with lenses 5. This
embodiment has the advantage that practically all mechanical parts that have
15 hitherto been needed for rotating lights of a conventional type are eliminated. As
desired, the cylindrical cooling member 3 can also have a gas, such as air or a
liquid coolant, flowing through it for further improvement of the heat elimination.

20 Please amend the paragraph in the Substitute Specification on p. 9
beginning at line 20 as follows:

Figure 2C shows a perspective view of a three-dimensionally arced light
dome. The light dome comprises a regular shape with an upper surface and four
obliquely placed side surfaces, two respective side surfaces thereof are arranged

axially symmetrically relative to one another. The cooling member itself cannot be seen in the illustration of Figure 2C since it is completely covered by the flex board. The flex board 1 comprises a plurality of sectors corresponding to the surfaces of the cooling member and wherein a plurality of LEDs 2 arranged in an array are respectively mounted. The LEDs 2 can be provided with lenses for bundling the emitted light, as desired. Such a light dome can be utilized for all types of lighting purposes. Figure 2D shows a singly angled surface similar to the arbitrary curved surfaces in Figure 2A.